

***STATEWIDE
ROAD SYSTEM –
BRIDGE
IMPROVEMENTS***

BRIDGE PRESERVATION PROGRAM

PROJECT SCOPE/DESCRIPTION: Bridges that are identified through the bridge management system for replacement or rehabilitation are addressed through this program. Program elements include repair/replacement of structurally deficient bridges; bridge painting; bridge scour; the bridge inspection program; bridge deck preservation; and underwater bridge repairs. The program is sized to permit 120 structurally deficient bridges to be reconstructed/rehabilitated over the six-year period. As individual bridge projects are identified, they are listed as separate projects in the capital program and funds deducted from this program.

The sign inspection program will inventory and inspect all state-owned sign structures, high mast lighting, and traffic signal supports. During the initial inventory inspection of the structures, an inspection interval will be assigned based on the structure's condition, not to exceed five (5) years. Based on these intervals, schedules to perform the inspections will be developed. The goal of the program is to inventory all of the structures within five (5) years, maintaining a 95% on-time rate based on these schedules. Funding to address deficiencies identified through the inspection plan is provided within Materials and Minor Contracts.

PROJECT JUSTIFICATION: The bridge priority rating system is based on deficiency ratings, which are updated annually to target specific bridges for repair/rehabilitation/construction.

County:	Statewide
Municipality:	
Funding Program:	Road System - Bridge
Functional Category:	Preservation
Representative District:	Statewide
Senatorial District:	Statewide

Example of a Timber Bridge



Bridge over Silver Lake in Rehoboth



BRIDGE PRESERVATION PROGRAM (CONTINUED)***Funding Information***

INDIVIDUAL PROJECT SEGMENTS	FUNDING	EST. COST TO COMPLETE IN TODAY'S \$	FY 2001 7/00-6/01	FY 2002 7/01-6/02	FY 2003 7/02-6/03	FY 2004 7/03-6/04	FY 2005-2007 7/04-6/07
			TOTAL	TOTAL	TOTAL	TOTAL	TOTAL
STRUCTURALLY DEFICIENT	80% F – Q12	73,506		72	5,134	16,000	53,400
	100% ST	7,260	2,764	1,728	1,268	1,500	
DESIGN FOR NEW BRIDGES	100% ST	5,266	966	1,300	1,500	1,500	
	80% F – Q12	4,500					4,500
PAINTING	100% ST	574	574				
	80% F – Q12	14,000	2,000	2,000	2,000	2,000	6,000
SIGN STRUCTURE PROGRAM	80% F – Q24	4,228	604	604	604	604	1,812
SCOUR	100% ST	249	249				
	80% F – Q12	1,800		300	300	300	900
INSPECTION & MGT	80% F – Q12	8,175	1,875		2,100		4,200
DECK PRESERVATION	100% ST	4,900	700	700	700	700	2,100
UNDERWATER REPAIR	100% ST	<u>629</u>	<u>29</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>300</u>
TOTAL		125,087	9,761	6,804	13,706	22,704	72,112

All \$ X 1,000